



## LAS VEGAS FIRE & RESCUE

### PRIVATE DEVELOPMENT TRAFFIC CALMING DEVICES



In an effort to assist City of Las Vegas residents wishing to install traffic calming devices (Speed Humps) in private single family housing developments, the following process for the submittal, review, approval, permit issuance, and inspections have been developed.

#### **Section I - Administrative Process:**

A completed [permit application](#) shall be submitted to Las Vegas Fire & Rescue Fire Prevention Engineering, located at 731 S 4<sup>th</sup> Street for the proposed speed hump installation by the installing contractor.

Required submittal items are as follows:

1. Scaled 1/8 inch drawings of all streets with all proposed locations of speed humps. (See Minimum criteria) including:
  - All locations of proposed hump installation with street names and feeder street names.
  - Locations of all required signage.
  - Installing contractor information including Name, Local address, State contractors number, phone number.
  - Speed Hump specification drawing (*see attachment A*)
2. Completed Petition with at least 10 signatures of residents living along the street or streets that they are in agreement with the installation of the speed humps.

#### **Reviews of submittal:**

The following City of Las Vegas agencies will conduct a review of the proposed. This review process can take up to 10 working days.

- Fire Protection Engineering
- Land Development
- Traffic

## **Section II - Minimum speed hump criteria:**

1. Street shall be posted with approved signage at 25 mph.
2. Installation of humps shall be visible from 200 feet.
3. Street grade shall not be higher than 8%.
4. Street shall not be a designated emergency response route (determined by Fire & Rescue)

## **Section III -Placement of Speed Humps:**

1. 1<sup>st</sup> hump shall be within 100 ft of development entry.
2. Additional humps shall be spaced 400-600 ft apart.
3. No humps can be placed in front of driveways, fire hydrants, emergency access gates.
4. At least one hump shall be placed in each block of a control segment.
5. Speed humps shall be installed exactly at a right angle to the vehicular travel path.
6. Speed humps shall be installed with provisions made for any roadway drainage, and utility access.
7. Humps shall be placed not to reduce the allowable on-street parking or special configuration.

## **Section IV - Signage:**

The most common warning sign is the **MUTCD W-8-1 “BUMP”** warning sign. The signs shall be located based on the **MUTCD table II-I** “A guide for advance warning sign placement distance”.

This document is available by accessing the Federal Highway Administration web site at: [FHA](#)

## **Section V - Markings:**

The speed hump shall be marked with distinctive painted markings so as to be visible to the approaching traffic. (See attachment A).

## **Section VI - Inspection of installed humps:**

As a result of the permitting process a code compliance inspection was created. The installing contractor will schedule the inspection by contacting the Fire Prevention Office at 229-0366 and talking to a supervisor.

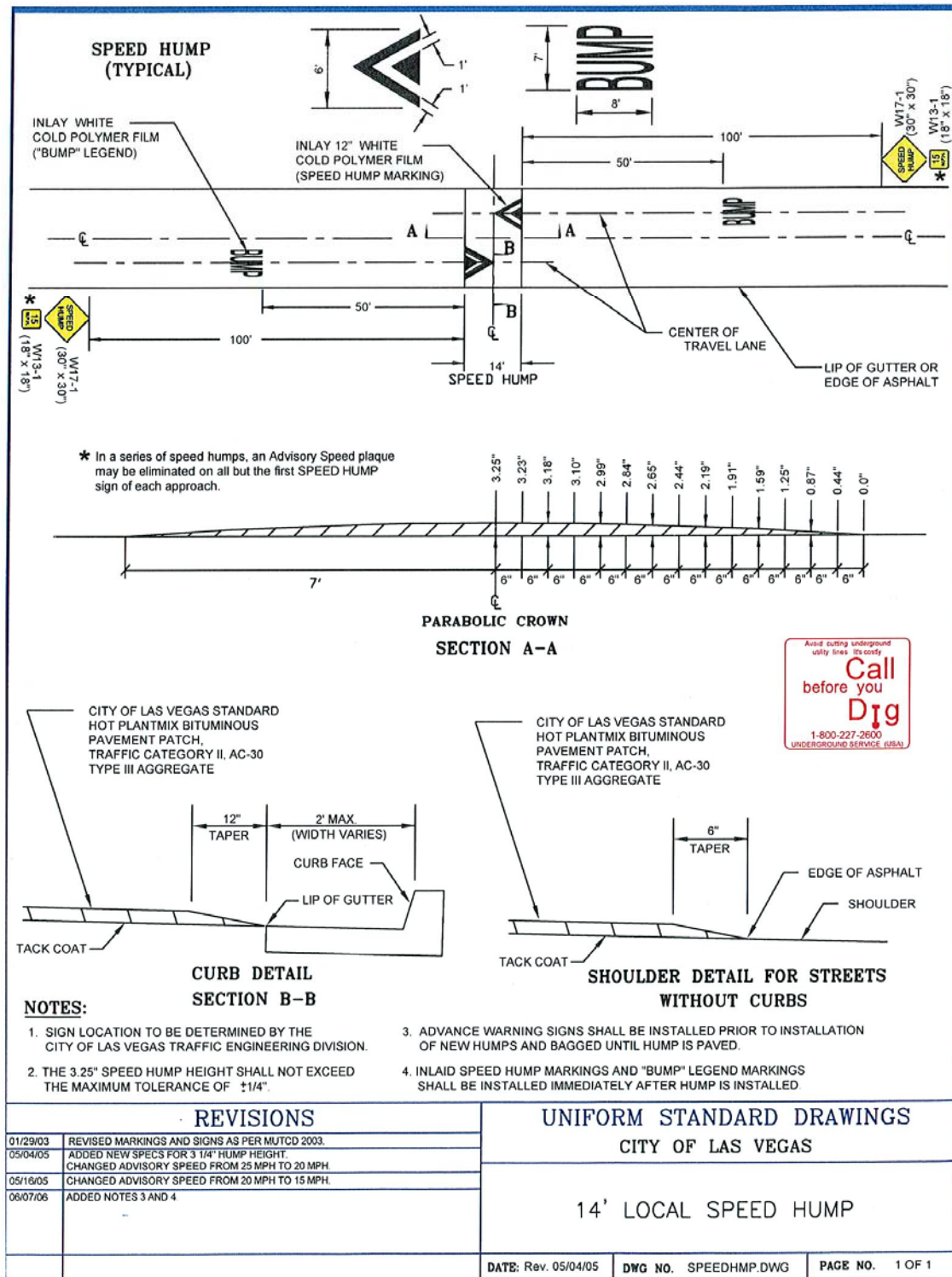
## **Section VII - Liability Concerns:**

If speed humps are not installed in a proper manner and with due care, and vehicle or personal injury occurs, it is possible that the installing company could be found to be maintaining a public nuisance i.e. a known defect in the street system which may result in increased liability exposure. Complete and proper approvals documents should be retained.

Where streets with humps are expected to carry a substantial number of long wheel base vehicles or other special type such as motorcycles and bicycles, a special attempt should be made to warn and notify the drivers of such vehicles that speed humps exist and how they should be driven to minimize problems.

## Section VIII- Attachments

### A. Speed Hump Specification Sheet



## B. Fire Permit Application



### City of Las Vegas Department of Fire & Rescue Fire Permit Application

A/P# \_\_\_\_\_

#### TO BE COMPLETED BY CONTRACTOR

##### PROJECT INFORMATION:

General Contractor's A/P# \_\_\_\_\_

Project Street Address: \_\_\_\_\_

Project Name: \_\_\_\_\_

##### CONTRACTOR'S INFORMATION:

Contractor's Name: \_\_\_\_\_

State Contractor License Number: \_\_\_\_\_ City Busn Lic Number: \_\_\_\_\_

Declared Valuation: \$ \_\_\_\_\_ Local Phone: \_\_\_\_\_ Local Fax: \_\_\_\_\_

##### TYPE OF PERMIT:

- |   |   |
|---|---|
| <input type="checkbox"/> CENTRAL STATION MONITORING (CEN STA)           | <input type="checkbox"/> FIRE ALARM SYSTEM OR SPRK MONITORING (FA)    |
| <input type="checkbox"/> CLEAN AGENT EXTINGUISHING (EXT SYS)            | <input type="checkbox"/> FIRE PUMP SYSTEM (PUMP)                      |
| <input type="checkbox"/> SPRINKLER SYSTEM (SPR)                         | <input type="checkbox"/> HOOD EXTINGUISHING SYSTEM (HOOD)             |
| <input type="checkbox"/> STANDPIPE SYSTEM (STAND)                       | <input type="checkbox"/> SMOKE CONTROL SYSTEM (SMK)                   |
| <input type="checkbox"/> LPG TANKS / PIPING INSTALL (LPG)               | <input type="checkbox"/> FUEL TANK / PIPING INSTALL OR REPAIR (UG/AG) |
| <input type="checkbox"/> AVI / ENTRY GATE OR CRASH GATE (AVI)           | <input type="checkbox"/> UNDERGROUND FIRE LINE /SPRK LEAD-IN (WDS)    |
| <input type="checkbox"/> EMERGENCY SERVICES RADIO REPEATER SYSTEM (ERS) | <input type="checkbox"/> TRAFFIC CALMING DEVICE (TRAFFIC)             |

I hereby certify that I have carefully examined and read the above application; that the same is true and correct; and that the work herein described is to be done in accordance with all of the provisions of the applicable ordinances of the City of Las Vegas; Nevada and State Laws, whether herein specified or not.

Signed Contractor: \_\_\_\_\_ SFM Master Card # \_\_\_\_\_

##### PERMIT & PLAN REVIEW FEES:

#### TO BE COMPLETED INTERNALLY

☐ Plan Review, Activity Fees: Administration Fee: \$ 50.00

Initial submittal: \$ No Charge

1<sup>st</sup> re-submittal: \_\_\_\_\_ hours @ \$160.00 per hour = \$ \_\_\_\_\_

2<sup>nd</sup> or subsequent re-submittals: \_\_\_\_\_ hours @ \$240.00 per hour = \$ \_\_\_\_\_

Other Miscellaneous Services and Activities fees = \$ \_\_\_\_\_

Total Plan Review and Service Fees: \$ \_\_\_\_\_

☐ Permit fee waived for Government Projects (CLV, CC, State of NV) Permit Fee: \$ \_\_\_\_\_

Fees based on CLV Resolution R-58-2004 on April 7<sup>th</sup> 2004

Total Fees: \$ \_\_\_\_\_

Fire Department Approval \_\_\_\_\_

Revised January 2008